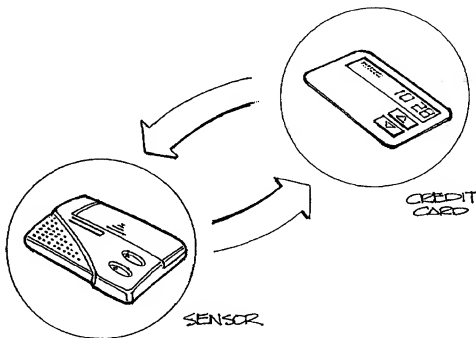




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<p><b>(21) International Application Number:</b> PCT/US00/03693</p> <p><b>(22) International Filing Date:</b> 11 February 2000 (11.02.00)</p> <p><b>(30) Priority Data:</b>          60/119,918 12 February 1999 (12.02.99) US</p> <p><b>(71) Applicant:</b> CYGNUS, INC. [US/US]; 400 Penobscot Drive, Redwood City, CA 94063 (US).</p> <p><b>(72) Inventors:</b> CONN, Thomas, E.; 257 Kingsley Avenue, Palo Alto, CA 94301 (US). FORD, Russell; 974 Jackson Street, San Francisco, CA 94133 (US). POTTS, Russell, O.; 76 Uranus Terrace, San Francisco, CA 94114 (US). SONI, Pravin, L.; 1320 Bedford Avenue, Sunnyvale, CA 94087 (US). TAMADA, Janet, A.; 505 Cypress Point Drive #271, Mountain View, CA 94043 (US). TIERNEY, Michael, J.; 368 North Sixth Street, San Jose, CA 95112 (US).</p> <p><b>(74) Agents:</b> MCCLUNG, Barbara; Cygnus, Inc., 400 Penobscot Drive, Redwood City, CA 94063 (US) et al.</p>		<p><b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b>  <i>With international search report.</i></p>

**(54) Title:** DEVICES AND METHODS FOR FREQUENT MEASUREMENT OF AN ANALYTE PRESENT IN A BIOLOGICAL SYSTEM

**(57) Abstract**

Devices and methods are provided for frequently measuring the concentration of an analyte present in a biological system. A monitoring system having at least two components is employed in order to allow separation of data collection from data processing and display. Such separation allows greater flexibility and convenience for the user.



















































































































